

US EPA ARCHIVE DOCUMENT

<b>1. Incident Name</b>		<b>2. Date Prepared</b>		<b>3. Time Prepared</b>		<b>UNIT LOG ICS 214</b>																																																																																					
Kalamazoo River/Enbridge Spill		04/04/2012		HHMM																																																																																							
<b>4. Unit Name/Designators</b>		<b>5. Unit Leader</b>			<b>6. Operational Period :</b>																																																																																						
Operations Unit/Containment Branch Monitoring Group		<b>Name:</b>	Dan Capone & Joe Victory (START/US EPA)		<b>From:</b>	04/04/2012 07:00																																																																																					
		<b>Position:</b>	Operations Section Chief		<b>To:</b>	04/04/2012 17:00																																																																																					
<b>7. Personnel Roster Assigned</b>																																																																																											
<b>Name</b>		<b>ICS Position</b>			<b>DUTY CELL</b>																																																																																						
Dan Capone		Operations Section Chief																																																																																									
Joe Victory		Operations Section Chief																																																																																									
Rex Johnson		Deputy Director																																																																																									
Dan Zahner		Field Team Lead																																																																																									
Karen Berecz		Monitoring Group Supervisor																																																																																									
Joseph Kendall		CBM Team # 1																																																																																									
<b>8. Activity Log</b>																																																																																											
<b>Activity Area</b>					<b>LAT</b>		<b>LAT</b>																																																																																				
					<b>Various</b>		<b>Various</b>																																																																																				
					(DD.MMMM)		(DD.MMMM)																																																																																				
<b><u>OIL OBSERVED</u></b>		<b>EXTENT OF OIL IMPACTED AREA</b>																																																																																									
		<b>DENSITY OF OIL /SHEEN</b>																																																																																									
<b>Total Collection Points</b>																																																																																											
<b>Total Boom Deployed</b>																																																																																											
<b>Activity</b>		<p><b><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></b></p> <p>Joseph Kendall and David Pesses conducted (1) Control &amp; Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control &amp; Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile point 0.00 through 40.00. (3) Water &amp; Sediment Temperature &amp; Level Readings.</p> <ul style="list-style-type: none"> <li>• 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.</li> <li>• 0730 - 1700: START and NRG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 1 log book, as well as discussed with David Pesses. David Pesses informed Enbridge contractors to make recommended actions.</li> </ul> <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> <th>ICE THICKNESS</th> <th>ICE FORMATION</th> <th>ICE FRAZZLE</th> </tr> </thead> <tbody> <tr><td>MP 2.25 C 0.0</td><td></td><td></td><td></td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 5.25 C 0.4</td><td></td><td></td><td></td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 10.00 C 3.2</td><td></td><td></td><td></td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 15.00 C 5</td><td>56.0</td><td>53.0</td><td>3.6</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 15.6 Culverts</td><td>N/A</td><td>N/A</td><td>N/A</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 18.75 D 2</td><td>52.5</td><td>54.9</td><td>2.0</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 21.50 D 5</td><td>52.4</td><td>52.2</td><td>5.9</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 27.00 E 0.5</td><td>53.9</td><td>52.7</td><td>2.45</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 30.00 E 2</td><td>54.2</td><td>51.9</td><td>1.1</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 35.00 E 3</td><td>57.1</td><td>52.5</td><td>0.8</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 38.00 E 4</td><td>57.9</td><td>54.8</td><td>1.35</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	ICE THICKNESS	ICE FORMATION	ICE FRAZZLE	MP 2.25 C 0.0				-	-	-	MP 5.25 C 0.4				-	-	-	MP 10.00 C 3.2				-	-	-	MP 15.00 C 5	56.0	53.0	3.6	-	-	-	MP 15.6 Culverts	N/A	N/A	N/A	-	-	-	MP 18.75 D 2	52.5	54.9	2.0	-	-	-	MP 21.50 D 5	52.4	52.2	5.9	-	-	-	MP 27.00 E 0.5	53.9	52.7	2.45	-	-	-	MP 30.00 E 2	54.2	51.9	1.1	-	-	-	MP 35.00 E 3	57.1	52.5	0.8	-	-	-	MP 38.00 E 4	57.9	54.8	1.35	-	-	-
LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	ICE THICKNESS	ICE FORMATION	ICE FRAZZLE																																																																																					
MP 2.25 C 0.0				-	-	-																																																																																					
MP 5.25 C 0.4				-	-	-																																																																																					
MP 10.00 C 3.2				-	-	-																																																																																					
MP 15.00 C 5	56.0	53.0	3.6	-	-	-																																																																																					
MP 15.6 Culverts	N/A	N/A	N/A	-	-	-																																																																																					
MP 18.75 D 2	52.5	54.9	2.0	-	-	-																																																																																					
MP 21.50 D 5	52.4	52.2	5.9	-	-	-																																																																																					
MP 27.00 E 0.5	53.9	52.7	2.45	-	-	-																																																																																					
MP 30.00 E 2	54.2	51.9	1.1	-	-	-																																																																																					
MP 35.00 E 3	57.1	52.5	0.8	-	-	-																																																																																					
MP 38.00 E 4	57.9	54.8	1.35	-	-	-																																																																																					

**AFTER RAIN EVENT INSPECTION: Not Completed Today.****Talmadge Creek:** ( 11 ) Pom-Poms deployed at:

MP 0.0: Intact and look good.  
 MP 0.04: Intact and looks good.  
 MP 0.27: Intact and looks good.  
 MP 0.50: Intact and looks good.  
 MP 0.74: Hillbilly Road: **Should be replaced, thin film of Black Algae.**  
 MP 1.09: Intact and looks good.  
 MP 1.28: Intact and looks good.  
 MP 1.57: Intact and looks good.  
 MP 1.77: Intact and looks good.  
 MP 1.99: Intact and looks good.  
 MP 2.25: Intact and looks good.

**STANDARD DAILY INSPECTIONS:****Talmadge Creek:** ( 1 ) Control Point (CT) deployed at:MP2.25 Confluence: **SWAT onsite Removing all All Hard-Boom's.****Kalamazoo River:** Control (CT) & Containment (CTM) Points (10) deployed are:

MP10.75 L2 SO CTM Area of Sheen is 0' x 0' = 0 sq. ft.  
 MP11.75 L2 (11.79 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft.  
 MP15.00 I1 (14.98 I) CTM Area of Sheen is 0' x 0' = 0 sq. ft. **Under Water.**  
 MP15.65 ( Waterfall ) CT Area of Sheen is 0' x 0' = 0 sq. ft.  
 MP17.00 L1 (Rock Tenn) CTM Area of Sheen is 0' x 0' = 0 sq. ft.  
 MP21.50 R1 CTM **No Visible Sheen. Hard-Boom Looks Good.** Area of Sheen is 0' x 0' = 0 sq. ft.  
 MP37.75 (E-4): CT Area of Sheen is 0' x 0' = 0 sq. ft.

**ADDITIONAL AREAS OF CONCERN:****Helicopter Fly-Over Pictures:** Sheen Locations:

MP 15.00 LDB: Visible Organic Sheen Only. Someone started digging a trench from pooling water wetland area and trying to drain off to river.

Total sheen in control points: **0** sq. ft.  
 Total sheen within containment: **0** sq. ft.  
 Total Sheen: **0** sq. ft.

**Health and Safety  
Issues**

NONE

**Comments**

NONE